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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/823,500	
	Filing Date	March 30, 2001	
	First Named Inventor	MCDONALD, James Douglas	
	Art Unit	2631	
	Examiner Name	TSE, Young Toe	
Total Number of Pages in This Submission	54	Attorney Docket Number	ALRL03A

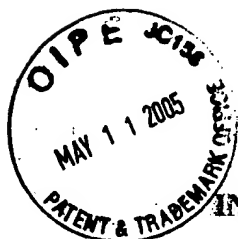
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Signature	<i>Allen LeRoy Limberg</i>		
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Date	May 9, 2005	Reg. No.	27,211

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IN THE UNITED STATES PATENT & TRADEMARK OFFICE

In re Patent Application Serial No. 09/823,500

Filed: March 30, 2001

For: DIGITAL MODULATION SIGNAL RECEIVER WITH ADAPTIVE CHANNEL  
EQUALIZATION EMPLOYING DISCRETE FOURIER TRANSFORMS

Applicants: James Douglas McDonald & Allen LeRoy Limberg

TC/A. U.: 2631

Examiner: Young Toe TSE

Atty. Dkt. No. ALRL03A

Customer No. 43704

The Honorable Commissioner for Patents

P. O. Box 1450

Alexandria, VA 22313-1450

**RESPONSE TO SECOND OFFICE ACTION REQUIRING ELECTION OF SPECIES**

Sir:

This response is to the second Office Action mailed 15 April 2005.

**No amendments are made to the specification.**

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper. Claim 29 on page 9 is amended to better form, and other claims are presented in fair form.

**Remarks/Arguments** begin on page 30 of this paper. The first embodiment of a receiver apparatus or method for digital signals of a prescribed baud rate transmitted by respective AM-RF carriers through a medium subject to multipath distortion is elected for prosecution on the merits, although the requirement for restriction is traversed.